



WHAT IS CLAIMED IS:

1. A fuse box, comprising:

a main body;

a plurality of fuses mounted on the main body; and

5 a plurality of light emitting diodes each mounted on the main body
and each electrically connected with a respective one of the fuses.

2. The fuse box in accordance with claim 1, wherein each of the light
emitting diodes has a relatively high resistance.

3. The fuse box in accordance with claim 1, wherein each of the light
10 emitting diodes is electrically connected with a respective one of the fuses in a
parallel manner.

4. The fuse box in accordance with claim 1, wherein the main body is
provided with a plurality of receiving seats, and each of the fuses is received in
a respective one of the receiving seats.

15 5. The fuse box in accordance with claim 1, wherein each of the fuses
has two conducting blades, and each of the light emitting diodes is electrically
connected with the two conducting blades of a respective one of the fuses.

6. The fuse box in accordance with claim 1, wherein each of the light
emitting diodes has a resistance much greater than that each of the fuses.

20 7. The fuse box in accordance with claim 1, wherein the electric
current from a power supply passes through each of the fuses at the normal
state without passing through the respective light emitting diode, and after one

of the fuses is fused to form a disconnection state, the electric current from the power supply is forced to pass through the respective light emitting diode, so that the respective light emitting diode will light to produce an indication effect.

5 8. The fuse box in accordance with claim 1, further comprising a top cover mounted on a top of the main body and formed with an elongated window aligning with the light emitting diodes.

 9. The fuse box in accordance with claim 1, further comprising an indication lamp mounted on the main body and electrically connected with
10 each of the fuses in a serial manner, so that the indication lamp can light when either one of the fuses is worn out

 10. The fuse box in accordance with claim 9, wherein the indication lamp is a light emitting diode.

 11. The fuse box in accordance with claim 9, wherein the indication
15 lamp has a color different from that of each of the light emitting diodes.

 12. The fuse box in accordance with claim 9, further comprising a top cover mounted on a top of the main body and formed with an indication window aligning with the indication lamp.

 13. The fuse box in accordance with claim 1, wherein each of the
20 light emitting diodes is connected with a resistor having a relatively high resistance.